

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	5349	nippon near3 gakki	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 10:38
S2	0	nippon near3 gakki and "99011"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/26 15:06
S3	4	nippon near3 gakki and "990"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/26 15:08
S4	0	NAGOSHI near3 KOYO and "108059"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/26 15:08
S5	30	NAGOSHI near3 KOYO	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/26 15:22
S6	160	MASUBUCHI near3 TAKAMICHI	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/26 15:22
S7	92	S6 and key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/26 15:34
S8	3	S7 and (lever or weight or load) same (swing or rotat\$3 or moving or movement or move or displac\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:30

## EAST Search History

S9	9	S7 and piano same key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 15:55
S10	1292	(84/34,35-38,105,111,167,174,236,432,433).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/22 18:43
S11	100	S10 and key same strik\$3 and stop\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 18:43
S12	7	S11 and lever with weight	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 16:34
S13	14	S10 and lever with weight same key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 16:39
S14	3	S10 and lever with load same key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 16:41
S15	13	"84"/\$.ccls. and piano with key and lever with (weight or load) same (rotat\$3 or swing\$3 or moving or move or movement) with lever with (up or down or vertical\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 16:53
S16	141	"84"/\$.ccls. and piano with key and (weight or load or lever) same (rotat\$3 or swing\$3 or moving or move or movement) with lever with (up or down or vertical\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 17:02

## EAST Search History

S17	14	S16 and stopper with lever	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 16:58
S18	68	S16 and rail with lever	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 16:58
S19	340	"84"/\$.ccls. and piano with key and (weight or load or lever) same (rotat\$3 or swing\$3 or moving or move or movement) with (up or down or vertical\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 17:02
S20	65	S19 and stop\$3 with rail	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 17:03
S21	2	"20010042432"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/26 17:07
S22	2	"5594188".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 11:28
S23	17	lift\$3 near5 rail with (weight or lever or load or damper) same keys and piano	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 14:01
S24	13	lift\$3 near5 rail with (weight or lever or load or damper) same keys same (contact\$3 or touch\$3) and piano	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 11:44

## EAST Search History

S25	53	(weight or lever or load or damper) with keys with (contact\$3 or touch\$3) with roller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 11:45
S26	336	(weight or lever or load or damper) with keys with (contact\$3 or touch\$3) with roller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/30 11:50
S27	21	S26 and "84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/30 11:45
S28	30	(weight or lever or load or damper) with keys near5 (contact\$3 or touch\$3) near5 roller	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/30 11:58
S29	6	(weight or lever or load or damper) with keys near5 (contact\$3 or touch\$3) near5 roll\$3 and "84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/30 13:48
S30	6	(weight or lever or load or damper) with keys near5 (engag\$3) near5 roll\$3 and "84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/30 13:48
S31	133	(lift\$3 or switch\$3) with (weight or lever or load or damper) same keys with (spac\$3 or away or engag\$3 or contact\$3 or touch\$3) and "84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/30 14:03
S32	221	(lift\$3) with (weight or lever or load or damper) same keys with (spac\$3 or away or engag\$3 or contact\$3 or touch\$3) and "84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/09/14 16:02

## EAST Search History

S33	37	(lift\$3) with (weight or load or damper) near lever same keys with (spac\$3 or away or engag\$3 or contact\$3 or touch\$3) and "84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/01/30 14:03
S34	1297	(84/34,35-38,105,111,167,174,236,432,433).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/21 07:37
S35	16	S34 and (key with (weight or lever or load) same rail same (rotat\$3 or rotatable or swing\$3 or moving or move or movement) with (up or down or vertical\$3))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 12:48
S36	2	("5079985"   "5254804").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/27 10:40
S37	8	("5406875").URPN.	USPAT	OR	OFF	2006/06/27 10:40
S38	15724	key same (weight or lever or load or hammer) same (movement or move or moving or adjustment or adjusted or adjusting) near7 key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 16:00
S39	57573	"84"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 12:51
S40	1038	S38 and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 12:51
S41	657	S40 and key same (weight or lever or load or hammer) with (movement or move or moving or adjustment or adjusted or adjusting) near7 key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 12:56

## EAST Search History

S42	516	S41 and piano with key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 12:53
S43	451	S41 and piano with key same (weight or load or hammer)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 12:53
S44	437	S41 and piano with key same (weight or load or hammer) with key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/21 07:39
S45	185	S44 and (weight or load or hammer) with (movement or move or moving or adjustment or adjusted or adjusting) near7 key with (direction or location or position)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/06/27 12:56
S46	1299	(84/34,35-38,105,111,167,174,236, 432,433).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:01
S47	384	S46 and piano	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/09/14 16:01
S48	10	(lift\$3 with (weight or lever or load or damper) same keys with (spac\$3 or away or engag\$3 or contact\$3 or touch\$3)).clm.	US-PGPUB	OR	ON	2007/06/21 08:17
S49	2	("7145062").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/22 10:34

## EAST Search History

S50	28363	key same (weight or lever or load or hammer) same (movement or move or moving or strik\$3 or press\$3 or forc\$3 or depress\$3) near7 key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 16:02
S51	12758	key same (weight or lever or load or hammer) same (movement or move or moving or strik\$3 or press\$3 or forc\$3 or depress\$3) near7 key same (screw or projection or member or pin or bolt) with (lift\$3 or receiv\$3 or push\$3 or lever\$3 or swing\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 16:07
S52	30	S51 and capstan same (friction\$2 or resistance) with (contact\$3 or surface or layer or material or face or exterior)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 18:38
S53	3	"20010037723"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 18:38
S54	1308	(84/34,35-38,105,111,167,174,236, 432,433).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/02/22 18:43
S55	335	S54 and key same (piano or keyboard)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/02/22 18:43
S56	1314	(84/34,35-38,105,111,167,174,236, 432,433).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/21 07:37
S57	179	S56 and piano with key same (weight or load or hammer) with key	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/06/21 07:45

## EAST Search History

S58	1	(long with lifting with rail with weight with lever with key same lifting with rail with displac\$3 with weight with levers same levers with touch with keys same levers with separate\$3 with keys).clm.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/06/21 07:50
S59	2	(lift\$3 with rail with weight with lever with key same levers with touch with keys).clm.	US-PGPUB	OR	ON	2007/06/21 08:02
S60	4	(connect\$3 with member with play\$3 with pedal).clm.	US-PGPUB	OR	ON	2007/06/21 08:03
S61	10	(lift\$3 with (weight or lever or load or damper) same keys with (spac\$3 or away or engag\$3 or contact\$3 or touch\$3)).clm.	US-PGPUB	OR	ON	2007/06/21 08:17